

Dr. P. Surendrakumar

Associate Professor

ECE

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Biography

Dr. P. Surendra Kumar, received his B.Tech degree from V.R. Siddhardha Engineering College, Vijayawada and M.Tech in Digital Electronics and Advanced communications (DEAC) from National Institute of Technology (NIT) Surathkal Karnataka in the Department of Electronics and Communication Engineering, received Ph.D. in Microstrip antenna design from Nagarjuna University, Guntur, (AP) He has 15 years of teaching experience as an Associate professor in Bapatla Engineering College, Bapatla. His areas of interests are Microstrip Antenna design, MIMO antenna and antenna design for 5G and 6G wireless applications. He has published 30+ research papers in top journals and conferences.

Awards & Honors

1. Received **1st Best Research paper award** from **IEEE Hyderabad** section (InCAP2018).
2. Received **3rd Best Research paper award** from **IISc Bangalore**, INDICON2016.
3. Received **Best Young Researcher Award** from Global Education (GECL2k19).
4. Nominated for **Young Scientist Award-2018** from innovative research developers.
5. Reviewer for SCI Journal (International Journal of RF and Microwave Computer-Aided Engineering, John Wiley & Sons Periodicals, Impact factor:1.306).
6. Published research papers in **IISc Bangalore**, **IIT Roorkee** and **IIT Bhubaneswar**.
7. Published IEEE SCI journal research papers in IEEE Antennas and Propagation.
8. Reviewer for IEEE Access and IEEE International Conference.
9. Received UGC Minor research project of worth 2.3 Lakhs.
10. Resource person for the Webinar on “**Microstrip antenna design fundamentals and practical implementation of Triple-band antenna for 5G wireless applications using ANSYS HFSS**” organized by Rise Krishna Sai Gandhi Group of institutions, Ongole, 04-06-2020 to 06-06-2020.

Selected Publications: latest 5 publications

1. **P. Surendrakumar**, “Miniaturization of patch antenna using partially loaded non-uniform meta-surfaces with metamaterial,” **IEEE Antennas and Propagation Magazine**, Vol.61, Issue. 01, Feb 2019.
2. **P. Surendrakumar**, “Design of Triple Frequency Vertex Feed Pentagonal slot antenna with E-slot for WiMAX and WLAN Applications,” **IEEE Antennas and Propagation Magazine**, Vol.60, Issue. 03, June2018.

3. **P. Surendrakumar**, Triple-UWB Millimeter-wave MIMO Antenna with Improved Isolation for 5G Wireless Applications, **IEEE Indian conference on Antennas and Propagation 2019**, Dec21.
4. **P. Surendrakumar**, A Compact Hexa-Band and UWB Antenna Using Heptagon and Nonagon Rings with Vertex Feed, **IEEE Indian Conference on Antennas and Propagation, Dec 2018**.
5. **P. Surendrakumar**, “Design of a Miniaturized triple-band antenna with conductor backed metasurfaces CPW-fed for 5G Wireless applications,” **IEEE Indian council hosted by an IEEE section, IEEE Bangalore, Dec 2017**.